

Listing of Claims:

Claim 1. (Cancelled)

Claim 2. (Previously Presented) A lamp device for a vehicle comprising:

a light source;

a reflector in which a reflection surface is a free curved surface;

a lens having no prism; and

a reflected light by said reflector transmitting through said lens so as to be irradiated to an external section in accordance with a target light distribution pattern,

wherein said lens is formed in a recess shape in a vertical cross section and a horizontal cross section, and wherein the reflection surface of said reflector is structured such that a vertical cross section of the reflection surface and a horizontal cross section of the reflection surface each substantially have a shape that is part of an oval larger than a front surface and a back surface of said lens.

Claim 3. (Cancelled)

Claim 4. (Original) The lamp device for a vehicle according to claim 2, wherein a free curved surface formed on the reflection surface of said reflector is a non-uniform rational B-spline surface (NURBS).

Claim 5. (Cancelled)

Claim 6. (Previously Presented) The lamp device for a vehicle according to claim 2, wherein a torus curved surface or a free curved surface is formed on at least one of the front surface and the back surface of said lens.

Claim 7. (Cancelled)

Claim 8. (Previously Presented) The lamp device for a vehicle according to claim 4, wherein a torus curved surface or a free curved surface is formed on at least one of the front surface and the back surface of said lens.

Claim 9. (Cancelled)

Claim 10. (Previously Presented) The lamp device for a vehicle according to claim 2, wherein a torus curved surface or a free curved surface is formed on the front surface and the back surface of said lens.

Claim 11. (Cancelled)

Claim 12. (Previously Presented) The lamp device for a vehicle according to claim 4, wherein a torus curved surface or a free curved surface is formed on the front surface and the back surface of said lens.

Claim 13. (Previously Presented) The lamp device for a vehicle according to claim 2, wherein the lens comprises a first recess shape on the front surface of the lens and a second recess shape on the back surface of the lens.

Claim 14. (Previously Presented) The lamp device for a vehicle according to claim 2, wherein the lens comprises a first surface having the recess shape and a second surface having a convex shape.

Claim 15. (Previously Presented) The lamp device for a vehicle according to claim 14, wherein the first surface is disposed facing the reflector.

Claim 16. (New) The lamp device for a vehicle according to claim 2, wherein the lens is disposed in an inclined manner with respect to an optical axis on which the light source is disposed and in which the optical axis bisects the reflector.